

# MATERIAL SAFETY DATA SHEET

## SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name <b>Boat Bottom Cleaner</b>	Product Use: <b>boat bottom cleaner</b>	Formula Index: <b>03</b>
Manufacturer and US Supplier's Name <b>Spray Nine Corporation</b>	Canadian Supplier's Name <b>Spray Nine Canada Ltd.</b>	
Address (Number, Street, City, State, and ZIP Code) <b>251 N. Comrie Avenue</b>	Address (Number, Street, City, State, and ZIP Code) <b>PO Box 35092</b>	
<b>Johnstown, NY 12095</b>	<b>London, Ontario N5W 5Z6</b>	
Emergency Telephone Number <b>1-800-477-7299 Chemtrec# 1-800-424-9300</b> Telephone Number for Information <b>518-762-4591 or Fax 518-762-2566</b>	Emergency Telephone Number <b>Canutec # 1-613-996-6666</b>	
Signature of Preparer (optional) <b>Michael L. Pozefsky</b>	Date Prepared <b>May 28, 2003</b>	

**HMIS Rating: HEALTH- 3 FLAMMABILITY- 0 REACTIVITY- 0 PERSONAL PROTECTION- C**

**NFPA Rating: HEALTH- 3 FLAMMABILITY- 0 REACTIVITY- 0**

**WHMIS Rating: E-CORROSIVE**

## SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Phosphoric Acid	7664-38-2	15-20	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Oxalic Acid	144-62-7	1-5	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenol)-omega-hydroxy-	9016-45-9	1-5	Not Est.	Not Est.

## SECTION III. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Clear blue, viscous liquid with acid odor. Will produce severe irritation of the eye and may result in damage. Will produce irritation of the skin. May produce irritation of the respiratory tract. Ingestion will produce severe irritation and may result in damage.

### POTENTIAL HEALTH EFFECTS:

**EYE CONTACT:** Will produce severe irritation and may result in damage.

**SKIN CONTACT:** Will produce irritation.

**INHALATION:** May produce irritation to respiratory tract.

**INGESTION:** Will produce severe irritation and may result in damage.

**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:** None known. Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

**CHRONIC EFFECTS:** None known.

## SECTION IV. FIRST AID MEASURES

**EYE CONTACT:** Flush immediately with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the irritation. Contact physician immediately.

**SKIN CONTACT:** Flush with water for 15 minutes. Contact physician if irritation persists.

**INHALATION:** Remove to fresh air. If symptoms persist, contact physician immediately.

**INGESTION:** Do not induce vomiting. Drink plenty of water. Contact physician immediately.

**NOTE TO PHYSICIAN:** Treat patient symptomatically.

**SECTION V. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

FLASH POINT: None

METHOD USED: TCC

**FLAMMABLE LIMITS**

LFL: Not Applicable

UFL: Not Applicable

**EXTINGUISHING MEDIA:** Water, carbon dioxide, dry chemical or all-purpose-type foam.**FIRE & EXPLOSION HAZARDS:** None known.**FIRE FIGHTING INSTRUCTIONS:** Wear protective clothing and respiratory protection. Water may be used to cool fire exposed containers.**FIRE FIGHTING EQUIPMENT:** None known.**SENSITIVITY TO MECHANICAL IMPACT:** No sensitivity known.**SENSITIVITY TO STATIC DISCHARGE:** No sensitivity known.**SECTION VI. ACCIDENTAL RELEASE MEASURES**

Wear suitable protective clothing. Where possible, salvage for use or absorb with suitable material and collect for disposal. Thoroughly rinse area with water.

**CAUTION:** Spill area may be slippery. For large spills, dike area to prevent spreading and contact appropriate environmental agency.**SECTION VII. HANDLING AND STORAGE**

Store in a cool, dry, well ventilated area. Keep out of reach of children. Avoid freezing or excessive heat.

**SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS****EYE PROTECTION:** Wear safety glasses with side shields.**SKIN PROTECTION:** Wear chemical resistant gloves and apron.**RESPIRATORY PROTECTION:** Not required under normal conditions of use.**ENGINEERING CONTROLS:** None known.**EXPOSURE GUIDELINE (S):** Use only in a well ventilated area.**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear, blue	<b>PHYSICAL STATE:</b>	Viscous liquid
<b>BOILING POINT:</b>	~212°F/~100°C	<b>SOLUBILITY IN WATER:</b>	Complete
<b>EVAPORATION RATE:</b>	Unknown	<b>SPECIFIC GRAVITY:</b>	~1.096 g/ml
<b>FREEZING POINT:</b>	~32°F/~0°C	<b>VAPOR DENSITY:</b>	Unknown
<b>MELTING POINT:</b>	Not Applicable	<b>VAPOR PRESSURE:</b>	Not Applicable
<b>MOLECULAR WEIGHT:</b>	Not Applicable	<b>VISCOSITY:</b>	~8,000 cps
<b>ODOR:</b>	Acid	<b>% VOLATILE:</b>	~78
<b>pH:</b>	1.4 MAX		

**SECTION X. STABILITY AND REACTIVITY****CHEMICAL STABILITY:** Stable**INCOMPATIBILITY:** Strong oxidizing and strong alkali agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and nitrogen oxides**HAZARDOUS POLYMERIZATION:** Will not occur.**SECTION XI. TOXICOLOGICAL INFORMATION****EYE:** Not Available**SKIN:** Not Available**INHALATION:** Not Available**INGESTION:** Not Available**SUBCHRONIC:** Not Available**CHRONIC / CARCINOGENICITY:** Not available. Contains no known carcinogens.**TERATOLOGY:** Not Available**REPRODUCTION:** Not Available**MUTAGENICITY:** Not Available**SENSITIZATION:** Not Available

**SECTION XII. ECOLOGICAL INFORMATION**

ECOTOXICOLOGICAL INFORMATION: Not Available

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Not Available

**SECTION XIII. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state and local regulations.

**SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)**

D.O.T. SHIPPING NAME: Corrosive Liquid n.o.s. (contains Phosphoric Acid), 8, UN 1760, PG III

CANADIAN TDG SHIPPING NAME: Corrosive Liquid n.o.s. (contains Phosphoric Acid), 8, UN 1760, PG III

TECHNICAL SHIPPING NAME: Not Applicable

D.O.T. HAZARD CLASS: Not Applicable

U.N. / N.A. NUMBER: Not Applicable

PRODUCT RQ (LBS): Not Applicable

D.O.T. LABEL: Not Applicable

D.O.T. PLACARD: Not Applicable

FREIGHT CLASS BULK: Not Applicable

FREIGHT CLASS PACKAGE: Not Applicable

PRODUCT LABEL: Not Applicable

SHIPPING PRECAUTIONS: Avoid freezing or excessive heat.

**SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)**

TSCA STATUS: All ingredients in this product are either on the inventory or are exempt from being listed.

CERCLA REPORTABLE QUANTITY: Phosphoric Acid - 5,000 lbs.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES : None

SECTION 311/312 HAZARDOUS CATEGORIES : Acute Hazard

SECTION 313 TOXIC CHEMICALS : Phosphoric Acid

RCRA STATUS: Characteristic of Corrosivity, D002

CALIFORNIA PROPOSITION 65: This product is not subject to the reporting requirements under California Proposition 65.

**SECTION XVI. OTHER INFORMATION**

MSDS STATUS:

**Disclaimer:** The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.